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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	10/763,883		
		Filing Date	January 23, 2004		
		First Named Inventor	Michael Hensei		
		Group Art Unit	1645		
		Examiner Name	Khatol S. Shahnan Shah		
Sheet	1	of	1	Attorney Docket Number	ICI 104 DIV

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/KS/		BERGMAN et al, "The lcrB (yscN/U) gene cluster of <i>Yersinia pseudotuberculosis</i> is involved in Yop secretion and shows high homology to the spa gene clusters of <i>Shigella flexneri</i> and <i>Salmonella typhimurium</i> ", <i>J. Bacteriol.</i> , 176(9):2619-26 (1994).	
/KS/		BUCHMEIER et al, "Recombination-deficient mutants of <i>Salmonella typhimurium</i> are avirulent and sensitive to the oxidative burst of macrophages", <i>Mol. Microbiol.</i> , 7(6):933-6 (1993).	
/KS/		GALAN and CURTISS, "Cloning and molecular characterization of genes whose products allow <i>Salmonella typhimurium</i> to penetrate tissue culture cells", <i>Proc. Natl. Acad. Sci. USA</i> , 86(16):6383-7 (1989).	
/KS/		GALAN and CURTISS, "Virulence and vaccine potential of phoP mutants of <i>Salmonella typhimurium</i> ", <i>Microb. Pathog.</i> , 8(6):433-43 (1989).	
/KS/		GROISMAN and OCHMAN, "Cognate gene clusters govern invasion of host epithelial cells by <i>Salmonella typhimurium</i> and <i>Shigella flexneri</i> ", <i>EMBO J.</i> , 12(10):3779-87 (1993).	

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		Application Number	Divisional of 09/763,620
		Filing Date	January 23, 2004
		First Named Inventor	Michael Hensel
		Group Art Unit	
		Examiner Name	
Sheet 1 of 12	Attorney Docket Number	ICI 104 DIV	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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/KS/	Khatol Shahnan Shah	BROWN, et al., "Molecular analysis of the <i>rfb</i> gene cluster of <i>Salmonella</i> serovar muenchen (strain M67): the genetic basis of the polymorphism between groups CC and B," <i>Mol. Microbiol.</i> 6:1385-1394 (1992).	
/KS/		CAMILLI, et al., "Insertional Mutagenesis of <i>Listeria monocytogenes</i> with a Novel Tn917 Derivative That Allows Direct Cloning of DNA Flanking Transposon Insertions," <i>J. Bacteriol.</i> 172:3738-3744 (1990).	
/KS/		CARTER, et al., "The Route of Enteric Infection in Normal Mice," <i>J. Exp. Med.</i> 139:1189-1203 (1974).	
/KS/		CHEUNG et al. "Regulation of exoprotein expression in <i>Staphylococcus aureus</i> by a locus (<i>sar</i>) distinct from <i>agr</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 89:6462-6466 (1992).	
/KS/		CHIANG & MEKALANOS (1998) "Use of signature-tagged transposon mutagenesis to identify <i>Vibrio cholerae</i> genes critical for colonization," <i>Mol. Microbiol.</i> 27:797-805 (1998).	
/KS/		CHUANG et al. "Global regulation of gene expression in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 175:2026-2036 (1993).	
/KS/		CIRILLO, et al., "Macrophage-dependent induction of the <i>Salmonella</i> pathogenicity island 2 type III secretion system and its role in intracellular survival," <i>Mol. Microbiol.</i> 30: 175-188 (1998).	
/KS/		COGHLAN, "Bar codes to tag 'bad genes,'" <i>New Scientist</i> p. 18 (July 29, 1995).	
/KS/		CORREIA et al. "Insertional inactivation of binding determinants of <i>Streptococcus crista</i> CC5A using Tn916," <i>Oral Microbiol. Immunol.</i> 10:220-226 (1995).	
/KS/		DOLGANOV & GROSSMAN "Insertional inactivation of genes to isolate mutants of <i>Synechococcus</i> sp. strain PCC 7942: isolation of filamentous strains," <i>J. Bacteriol.</i> 175:7644-7651 (1993).	

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/KS/		DUNYAKL, et al., "Identification of <i>Salmonella</i> pathogenicity island 2 (SPI2) genes in <i>Salmonella</i> choleraesuis using signature-tagged mutagenesis," <i>Abstracts of the 97th General Meeting of the American Society for Microbiology</i> 8-275, May 4-8, 1997.	
/KS/		FIELDS, et al., "A <i>Salmonella</i> Locus That Controls Resistance To Microbicidal Proteins From Phagocytic Cells," <i>Science</i> 243:1059-1062 (1989).	
/KS/		FINLAY, et al., "Identification And Characterization Of TnpA Mutants Of <i>Salmonella</i> That Are Unable To Pass Through A Polarized MDCK Epithelial Cell Monolayer," <i>Mol. Microbiol.</i> 2:757-766 (1988).	
/KS/		FITTS, "Development of a DNA-DNA Hybridization Test for the Presence of <i>Salmonella</i> in Foods," <i>Food Technology</i> pp. 95-102 (March 1985).	
/KS/		FREESTONE, et al., "Stabilized 17D strain yellow fever vaccine: dose response studies, clinical reactions and effects on hepatic function," <i>Journal of Biological Standardization</i> 5:181-186 (1977).	
/KS/		GAILLARD et al. (1986) "Transposon mutagenesis as a tool to study the role of hemolysin in the virulence of <i>Listeria monocytogenes</i> ," <i>Infect. Immun.</i> 52:50-55 (1986).	
/KS/		GALAN, et al., "Molecular And Functional Characterization Of The <i>Salmonella</i> Invasion Gene invA: Homology Of invA To Members Of A New Protein Family," (1992).	
/KS/		GenBank Accession No. A51688 " <i>Salmonella typhimurium</i> " (1997).	
/KS/		GenBank Accession No. A51689 " <i>Salmonella typhimurium</i> " (1997)	
/KS/		GenBank Accession No. AF0208080 " <i>Salmonella typhimurium</i> pathogenicity island 2, partial sequence," (1998).	

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/KS/		GenBank Accession No. AJ224892 " <i>Salmonella typhimurium</i> ssaE, ssaA, ssaB, ssaC, ssaD, ssaE, ssaF, ssaG, ssaH, ssaI genes and partial ssaJ genes," (1998).	
/KS/		GenBank Accession No. AJ224978 " <i>Salmonella typhimurium</i> ," (1999).	
/KS/		GenBank Accession No. J05534 " <i>Escherichia coli</i> ATP-dependent clp protease proteolytic component (clpP) gene, complete cds," (1990).	
/KS/		GenBank Accession No. U51927 " <i>Salmonella typhimurium</i> SpiR and SpiB genes, partial cds, and SpiC and SpiA genes, complete cds," (1996).	
/KS/		GenBank Accession No. X56793 " <i>S. enterica</i> (group B) rfb gene cluster," (1991).	
/KS/		GenBank Accession No. X61917 " <i>S. enterica</i> (group B) rfb gene cluster," (1991).	
/KS/		GenBank Accession No. X99944 " <i>S. typhimurium</i> ssaQ, ssaR, ssaT and ssaU genes," (1997).	
/KS/		GenBank Accession No. Y09357 " <i>S. typhimurium</i> ssaJ, ssaK, ssaL, ssaM, ssaV, ssaN, ssaO, ssaP, ssaQ genes," (1997).	
/KS/		GenBank Accession No. Z23278 " <i>E. coli</i> ClpX gene, complete cds," (1993).	
/KS/		GenBank Accession No. Z95891 " <i>Salmonella typhimurium</i> ssaA and ssaB genes," (1998).	

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		Application Number	Divisional of 09/763,620
		Filing Date	January 23, 2004
		First Named Inventor	Michael Hensel
		Group Art Unit	
		Examiner Name	
Sheet 64 of 14	Attorney Docket Number	ICI 104 DIV	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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/KS/		GROISMAN & OCHMAN, "How To Become A Pathogen," <i>Trends Microbiol.</i> 2:289-293 (1994).	
/KS/		GROISMAN & SAIE, "Salmonella Virulence: New Clues To Intramacrophage Survival," <i>Trends In Biochem. Sci.</i> 15:30-33 (1990).	
/KS/		GENTSCHKEV, et al., "The Escherichia coli hemolysin secretion apparatus - a versatile antigen delivery system in attenuated Salmonella," <i>Behring Inst. Mitl.</i> 98: 103-113 (1997), abstract only.	
/KS/		GENTSCHKEV, et al., "Development of antigen-delivery systems, based on the Escherichia coli hemolysin secretion pathway," <i>Gene</i> 179: 133-140 (1996), abstract only.	
/KS/		GENTSCHKEV, et al., "Synthesis and secretion of bacterial antigens by attenuated Salmonella via the Escherichia coli hemolysin secretion system," <i>Behring Inst. Mitl.</i> 95: 57-66 (1994), abstract only.	
/KS/		GROISMAN, et al., "Molecular, Functional And Evolutionary Analysis Of Sequences Specific To Salmonella," <i>Proc. Natl. Acad. Sci. USA</i> 90:1033-1037 (1993).	
/KS/		GROISMAN, et al., "Salmonella Typhimurium <i>phoP</i> Virulence Gene Is A Transcriptional Regulator," <i>Proc. Natl. Acad. Sci. USA</i> 86:7077-7081 (1989).	
/KS/		GUZMAN, et al., "Antibody Responses in the Lungs of Mice following Oral Immunization with <i>Salmonella typhimurium aroA</i> and Invasive <i>Escherichia coli</i> Strains Expressing the Filamentous Hemagglutinin of <i>Bordetella pertussis</i> ," <i>Inf. Immun.</i> 59:4391-4397 (1991).	
/KS/		GUZMAN, et al., "Direct Expression of <i>Bordetella pertussis</i> Filamentous Hemagglutinin in <i>Escherichia coli</i> and <i>Salmonella typhimurium aroA</i> ," <i>Inf. Immun.</i> 39:3787-3795 (1991).	
/KS/		GUZMAN, et al., "Expression of <i>Bordetella pertussis</i> filamentous hemagglutinin in <i>Escherichia coli</i> using a two cistron system," <i>Microbiol. Pathogenesis</i> 12:383-389 (1992).	

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/KS/		GUZMÁN, et al., "Use of Salmonella spp carrier strains to delivery Bordetella pertussis antigens in mice using the oral route," in Biology of Salmonella (Cabello, et al., eds.) Plenum Press: New York, NY (1993).	
/KS/		HAN et al. (1997) "Tn5 tagging of the phenol-degrading gene on the chromosome of Pseudomonas putida," <i>Mol. Cells</i> 7:40-44 (1997).	
/KS/		HENSEL, "Salmonella Pathogenicity Island 2," <i>Mol. Microbiol.</i> 36:1015-1023 (2000).	
/KS/		HENSEL, et al., "Functional analysis of ssaJ and the ssaK/U operon, 13 genes encoding components of the type III secretion apparatus of Salmonella Pathogenicity Island 2," <i>Mol. Microbiol.</i> 24:155-167 (1997).	
/KS/		HENSEL, et al., "Genes encoding putative effector proteins of the type III secretion system of Salmonella pathogenicity island 2 are required for bacterial virulence and proliferation in macrophages," <i>Mol. Microbiol.</i> 30:163-174 (1998).	
/KS/		HENSEL, et al., "Molecular and functional analysis indicates a mosaic structure of Salmonella pathogenicity island 2," <i>Mol. Microbiol.</i> 31:489-498 (1999).	
/KS/		HENSEL, et al., "Simultaneous Identification Of Bacterial Virulence Genes By Negative Selection," <i>Science</i> 269:400-403 (1995).	
/KS/		HENSEL, et al., "The genetic basis of tetrathionate respiration in Salmonella typhimurium," <i>Mol. Microbiol.</i> 32:275-287 (1999).	
/KS/		HENSEL, et al., "Analysis of the boundaries of Salmonella pathogenicity island 2 and the corresponding chromosomal region of Escherichia coli K-12," <i>Journal of Bacteriology</i> 179:1105-1111 (1997).	
/KS/		HOLDEN, "The type III secretion system of Salmonella pathogenicity island 2," <i>FEBS Advanced Course - Protein Export and Assembly in Bacteria</i> , Lunteren, The Netherlands (1998).	

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/KS/		HOLLAND, et al., "Tn916 Insertion Mutagenesis In Escherichia Coli And Haemophilus Influenzae Type b Following Conjugative Transfer," <i>J. Gen. Microbiol.</i> 138:509-515 (1992).	
/KS/		JIANG, et al., "Structure and sequence of the rfb (O antigen) gene cluster of <i>Salmonella serovar typhimurium</i> (strain LT2)," <i>Mol Microbiol</i> 5:695-713 (1991).	
/KS/		JUNTENEN-BACKMAN, et al., "Safe immunization of allergic children against measles, mumps, and rubella," <i>AJDC</i> 141:1103-1105 (1987).	
/KS/		KAHRS et al. "Generalized transposon shuttle mutagenesis in <i>Neisseria gonorrhoeae</i> : a method for isolating epithelial cell invasion-defective mutants," <i>Mol. Microbiol.</i> 12:819-831 (1994).	
/KS/		KIM et al. "The <i>hrpA</i> and <i>hrpC</i> operons of <i>Erwinia amylovora</i> encode components of a type III pathway that secretes harpin," <i>J. Bacteriol.</i> 179(5):1690-1697 (1997).	
/KS/		LEAHY et al. "Transposon mutagenesis in <i>Acinetobacter calcoaceticus</i> RAG-1," <i>J. Bacteriol.</i> 175:1838-1840 (1993).	
/KS/		LEE, "Type III secretion systems: machines to deliver bacterial proteins into eukaryotic cells?" <i>Trends Microbiol.</i> 5(4): 148-156 (1997).	
/KS/		LEE & FALKOW, "Isolation of Hyperinvasive Mutants of <i>Salmonella</i> ," <i>Methods Enzymol.</i> 265:531-545 (1994).	
/KS/		LEVINE, et al., "Salmonella vaccines" in <i>New Antibacterial Strategies</i> (New, HC, ed.), pp. 89-104, (Churchill Livingstone: London, 1990).	
/KS/		LEVINE, et al., eds., "Attenuated Salmonella as a live vector for expression of foreign antigens," in <i>New Generation Vaccines</i> , 2 nd ed., Marcell Dekker: New York, Chapter 27, pp. 331-361 (1997).	

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/KS/	1846	LISITSYN, et al., "Cloning The Difference Between Two Complex Genomes," <i>Science</i> 259:946-951 (1993).	
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		Filing Date	January 23, 2004
		First Named Inventor	Michael Hensel
		Group Art Unit	
		Examiner Name	
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/KS/		MILLER, et al., "Isolation Of Orally Attenuated Salmonella Typhimurium Following TnphoA Mutagenesis," <i>Infection Immun.</i> 57:2758-2763 (1989).	
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/KS/		PIATTI, et al., "Cloning and Characterization of <i>S. typhi</i> ," <i>Societa Italiana di Microbiologia Medica Odontoiatrica e Clinica</i> '93 (Translation), p. 82.	
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/KS/		WOOLLEY et al. "Transfer of Tn1545 and Tn916 to Clostridium acetobutylicum," <i>Plasmid</i> 22:169-174 (1989).	

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